

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	(Yasunori near2 Yonehana).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:36
L2	3	(Yoshinao near2 Chisaki).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:36
L3	4	(Fumitaka near2 Tsukihashi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:36
L4	8	L1 or L2 or L3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:36
L5	4	"2762700".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:40
L6	2	"4383852".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:40
L7	2	"20020184971"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:40

L8	24	(Ishihara Chemical).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:42
L9	118	(JFE Mineral).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:43
L10	20	((L8 or L9) not L4) and ("2009").py.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:43
L11	2	JP "62090908"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:45
L12	2	JP "2000345217"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:45
L13	434	75/343,359,360.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:46
L14	1359	B22F9/12 or B22F009/12 or B22F9/28 or B22F009/28 or B22F009/18 or B22F9/18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:47
L17	1842	B22F9/22 or B22F009/22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:52

L18	3553	L13 or L14 or L17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:53
L19	209	L18 and "2009".py.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:54
L20	53	L19 and (powder or particle) and (hydrogen or H2 or "H.sub.2") same reduc\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:54
L21	90805	(copper or iron or ferric or ferrous) adj2 (chloride) or (FeCl3 or "FeCl.sub.3" or CuCl2 or "CuCl.sub.2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:57
L22	3	L19 and L21 and (hydrogen or H2 or "H.sub.2") same reduc\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:57
L23	4633	((copper or iron or ferric or ferrous) adj2 (chloride) or (FeCl3 or "FeCl.sub.3" or CuCl2 or "CuCl.sub.2")) same (hydrogen or h2 or "h.sub.2") same reduc\$7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:58
L24	146206	(sub\$2micron or sub micron or ultra\$2fine or ultra fine or super \$2micro or super micro or nano\$10 or super \$2fine) same (powder or particle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 15:59
L25	173	L23 and L24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 16:00

L26	18	L25 and "2009".py.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/12 16:03
S1	2	WO "2005044488"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 15:32
S2	4	(yonehana near2 Yasunori).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 15:38
S3	2	(Chisaki near2 Yoshinao).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 15:38
S4	3	(Tsukihashi near2 Fumitaka).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 15:38
S5	111	(JFE and Mineral).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 15:39
S6	123	(Ishihara and Chemical). as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 15:39
S7	7	S2 or S3 or S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 15:39

S8	2	JP "62090908"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 15:40
S9	2	Jp "2000345217"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 15:40
S10	2	JP "61079706"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 15:40
S11	2	WO "9964191"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 15:40
S12	2	CN "1275103"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 15:40
S13	3	JP "2001223141"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 15:40
S14	2	JP "2001345238"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 15:41
S15	2	JP "59093806"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 15:41

S16	16	S8 or S9 or S10 or S11 or S12 or S13 or S14 or S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 15:41
S17	230	(S5 or S6) not (S16 or S7)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 15:49
S18	87984	(copper or iron or ferric or ferrous) adj2 (chloride) or (FeCl3 or "FeCl.sub.3" or CuCl2 or "CuCl.sub.2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 16:09
S19	291467	(reducing or hydrogen or H2 or "H.sub.2") adj2 gas or (H2 or "H.sub.2" or hydrogen) near5 (reduc\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 16:11
S20	135232	(sub\$2micron or sub micron or ultra\$2fine or ultra fine or super \$2micro or super micro or nano\$10 or super \$2fine) same (powder or particle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 16:12
S21	954	S18 and S19 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 16:12
S22	24	S18 same S19 same S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 16:14
S23	9	("4810285").URPN.	USPAT	ADJ	ON	2009/05/12 16:18
S24	8	"6402803"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 16:23

S25	463	(Kenichi near2 Otsuka).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:16
S26	178	(Minoru near2 nitta).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:16
S27	22148	(Yoshizawa).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:16
S28	78241	(Kawasaki Steel).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:16
S29	45	(S25 or S26) and (S19 or S18 or S20)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:17
S30	32	(S27 or S28) and (S19 and S20)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:18
S31	74	S29 or S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:18
S32	15	(S25 or S26) and (B22F009/12 OR B22F009/28)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:18

S33	76	S31 or S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:19
S34	26	(S27 or S28) and (B22F009/12 OR B22F009/28)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:19
S35	81	S33 or S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:19
S36	51	(US-20060191608-\$ or US-20080226531-\$ or US-20010055704-\$ or US-20030008145-\$ or US-20080145657-\$ or US-20080107902-\$ or US-20080034921-\$ or US-20070213228-\$ or US-20050022628-\$ or US-20040139820-\$ or US-20040013907-\$). did. or (US-7471504-\$ or US-4810285-\$ or US- 4753675-\$ or US- 6372015-\$ or US- 6530972-\$ or US- 4650778-\$ or US- 4936909-\$ or US- 5411730-\$ or US- 6033624-\$ or US- 6346136-\$ or US- 6402803-\$ or US- 7517382-\$ or US- 7470306-\$ or US- 7470391-\$ or US- 7381239-\$ or US- 6706795-\$ or US- 6679937-\$ or US- 6645444-\$).did. or (US- 3449115-\$).did. or (WO- 2005044488-\$ or EP- 1690617-\$ or WO- 9964191-\$ or EP- 1604759-\$).did. or (JP- 59093806-\$ or JP- 2001223141-\$ or JP- 2001345238-\$ or JP-	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/05/12 17:19

		62090908-\$ or JP-61079706-\$ or JP-2000345217-\$ or JP-2004052026-\$ or JP-2005008981-\$).did. or (WO-0159166-\$ or JP-62090908-\$ or WO-0191953-\$ or WO-9964191-\$ or JP-2000345217-\$ or US-20030076517-\$ or JP-61079706-\$ or JP-59093806-\$ or WO-2005044488-\$).did.				
S37	80	S35 not S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:19
S38	415	75/343,359,360.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:34
S39	222	B22F009/12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:34
S40	222	B22F009/28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:34
S41	12092	M22-H01\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:35
S42	268	(S38 or S39 or S40) and S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:35

S43	448	(S38 or S39 or S40) and (S19 or S20)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:35
S44	111	M22-H01\$2 and S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:36
S45	43	S44 and (hydrogen OR H2 OR "H.sub.2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:36
S46	26	S45 and (gas or vapor or vapour or gaseous)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:37
S47	86	M22-H01\$2 and (S19 and S20)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:38
S48	81	S47 not S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:39
S49	69	(US-20060191608-\$ or US-20080226531-\$ or US-20010055704-\$ or US-20030008145-\$ or US-20080145657-\$ or US-20080107902-\$ or US-20080034921-\$ or US-20070213228-\$ or US-20050022628-\$ or US-20040139820-\$ or US-20040013907-\$). did. or (US-7471504-\$ or US-4810285-\$ or US- 4753675-\$ or US- 6372015-\$ or US- 6530972-\$ or US- 4650778-\$ or US- 4936909-\$ or US-	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/05/12 17:41

		5411730-\$ or US- 6033624-\$ or US- 6346136-\$ or US- 6402803-\$ or US- 7517382-\$ or US- 7470306-\$ or US- 7470391-\$ or US- 7381239-\$ or US- 6706795-\$ or US- 6679937-\$ or US- 6645444-\$ or US- 4383852-\$ or US- 4526611-\$ or US- 4948422-\$ or US- 5853451-\$).did. or (US- 3449115-\$).did. or (WO- 2005044488-\$ or EP- 1690617-\$ or WO- 9964191-\$ or EP- 1604759-\$ or EP- 318590-\$ or EP-461866-\$).did. or (JP-59093806-\$ or JP-2001223141-\$ or JP-2001345238-\$ or JP-62090908-\$ or JP-61079706-\$ or JP-2000345217-\$ or JP-2004052026-\$ or JP-2005008981-\$).did. or (WO-0159166-\$ or JP-62090908-\$ or WO-0191953-\$ or WO-9964191-\$ or JP-2000345217-\$ or US-20030076517-\$ or JP-61079706-\$ or JP-59093806-\$ or WO-2005044488-\$ or WO-8810002-\$ or SU-479564-\$ or GB-1445634-\$ or SU-618193-\$ or JP-02259003-\$ or WO-2005102569-\$ or JP-63312603-\$ or JP-01036706-\$ or CN-1636655-\$ or WO-0074881-\$ or US-5928405-\$ or EP-925861-\$).did.				
S50	432	S43 not (S45 or S47 or "L64" or S49)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/12 17:42

S51	4	"5185030"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:26
S52	87984	(copper or iron or ferric or ferrous) adj2 (chloride) or (FeCl3 or "FeCl.sub.3" or CuCl2 or "CuCl.sub.2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:26
S53	291467	(reducing or hydrogen or H2 or "H.sub.2") adj2 gas or (H2 or "H. sub.2" or hydrogen) near5 (reduc\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:26
S54	135232	(sub\$2micron or sub micron or ultra\$2fine or ultra fine or super \$2micro or super micro or nano\$10 or super \$2fine) same (powder or particle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:26
S55	415	75/343,359,360.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:26
S56	222	B22F009/12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:26
S57	222	B22F009/28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:26
S58	448	(S55 or S56 or S57) and (S53 or S54)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:26

S59	111	M22-H01\$2 and S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:26
S60	43	S59 and (hydrogen OR H2 OR "H.sub.2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:26
S61	86	M22-H01\$2 and (S53 and S54)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:26
S62	69	(US-20060191608-\$ or US-20080226531-\$ or US-20010055704-\$ or US-20030008145-\$ or US-20080145657-\$ or US-20080107902-\$ or US-20080034921-\$ or US-20070213228-\$ or US-20050022628-\$ or US-20040139820-\$ or US-20040013907-\$). did. or (US-7471504-\$ or US-4810285-\$ or US- 4753675-\$ or US- 6372015-\$ or US- 6530972-\$ or US- 4650778-\$ or US- 4936909-\$ or US- 5411730-\$ or US- 6033624-\$ or US- 6346136-\$ or US- 6402803-\$ or US- 7517382-\$ or US- 7470306-\$ or US- 7470391-\$ or US- 7381239-\$ or US- 6706795-\$ or US- 6679937-\$ or US- 6645444-\$ or US- 4383852-\$ or US- 4526611-\$ or US- 4948422-\$ or US- 5853451-\$).did. or (US- 3449115-\$).did. or (WO- 2005044488-\$ or EP- 1690617-\$ or WO- 9964191-\$ or EP-	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/05/13 14:26

		1604759-\$ or EP-318590-\$ or EP-461866-\$).did. or (JP-59093806-\$ or JP-2001223141-\$ or JP-2001345238-\$ or JP-62090908-\$ or JP-61079706-\$ or JP-2000345217-\$ or JP-2004052026-\$ or JP-2005008981-\$).did. or (WO-0159166-\$ or JP-62090908-\$ or WO-0191953-\$ or WO-9964191-\$ or JP-2000345217-\$ or US-20030076517-\$ or JP-61079706-\$ or JP-59093806-\$ or WO-2005044488-\$ or WO-8810002-\$ or SU-479564-\$ or GB-1445634-\$ or SU-618193-\$ or JP-02259003-\$ or WO-2005102569-\$ or JP-63312603-\$ or JP-01036706-\$ or CN-1636655-\$ or WO-0074881-\$ or US-5928405-\$ or EP-925861-\$).did.				
S63	432	S58 not (S60 or S61 or "L64" or S62)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:26
S64	731	S53 and S54 and (metallic or pure or zero adj2 valent) adj2 (copper or cu! or iron or fe!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:29

S65	85	S63 and ((cupric or cuprous or ferric or ferrous or nickel or cobalt or stannous or copper or iron) near3 (chloride) or (CuCl2 or "CuCl.sub.2" or CuCl or FeCl3 or "FeCl.sub.3" or "FeCl.sub.2" or FeCl2 or NiCl2 or "NiCl.sub.2" or CoCl2 or "CoCl.sub.2" or SnCl2 or "SnCl.sub.2"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:33
S66	1679	((cupric or cuprous or ferric or ferrous or nickel or cobalt or stannous or copper or iron) near3 (chloride) or (CuCl2 or "CuCl.sub.2" or CuCl or FeCl3 or "FeCl.sub.3" or "FeCl.sub.2" or FeCl2 or NiCl2 or "NiCl.sub.2" or CoCl2 or "CoCl.sub.2" or SnCl2 or "SnCl.sub.2")) and S53 and S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:33
S67	492	S66 and (metallic or pure or zero adj2 valen \$5) near5 (copper or iron or cu! or fe! or ni! or nickel or cobalt or co!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:34
S68	321	S66 and (metallic or pure or zero adj2 valen \$5) near5 (copper or iron or cu! or fe! or ni! or nickel or cobalt or co!) same (oxidi\$8 or reduc\$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:34
S69	291	S68 and (reduc\$8) same (gas or gaseous or vapor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:35
S70	2	"7449044"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:38

S71	124	S63 and ((metal or metallic or cupric or cuprous or ferric or ferrous or nickel or cobalt or stannous or copper or iron) near3 (chloride) or (CuCl2 or "CuCl.sub.2" or CuCl or FeCl3 or "FeCl.sub.3" or "FeCl.sub.2" or FeCl2 or NiCl2 or "NiCl.sub.2" or CoCl2 or "CoCl.sub.2" or SnCl2 or "SnCl.sub.2" or MeCl or MeCl2 or "MeCl.sub.2" or MCl or MCl2 or "MCl.sub.2"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:39
S72	129	S53 same ((metal or metallic or cupric or cuprous or ferric or ferrous or nickel or cobalt or stannous or copper or iron) near3 (chloride) or (CuCl2 or "CuCl.sub.2" or CuCl or FeCl3 or "FeCl.sub.3" or "FeCl.sub.2" or FeCl2 or NiCl2 or "NiCl.sub.2" or CoCl2 or "CoCl.sub.2" or SnCl2 or "SnCl.sub.2" or MeCl or MeCl2 or "MeCl.sub.2" or MCl or MCl2 or "MCl.sub.2")) same S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:40
S73	231	S71 or S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:40
S74	1819	(Sohn or Paldey).in. and (reduction or reducing or reduce)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:55
S75	159	(Sohn or Paldey).in. and (reduction or reducing or reduce) and (chloride)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 14:55

S76	54	(Okabe).in. and (hydrogen or h2 or "h. sub.2") near3 (reduc\$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 15:09
S77	71	(US-20060191608-\$ or US-20080226531-\$ or US-20010055704-\$ or US-20030008145-\$ or US-20080145657-\$ or US-20080107902-\$ or US-20080034921-\$ or US-20070213228-\$ or US-20050022628-\$ or US-20040139820-\$ or US-20040013907-\$). did. or (US-7471504-\$ or US-4810285-\$ or US- 4753675-\$ or US- 6372015-\$ or US- 6530972-\$ or US- 4650778-\$ or US- 4936909-\$ or US- 5411730-\$ or US- 6033624-\$ or US- 6346136-\$ or US- 6402803-\$ or US- 7517382-\$ or US- 7470306-\$ or US- 7470391-\$ or US- 7381239-\$ or US- 6706795-\$ or US- 6679937-\$ or US- 6645444-\$ or US- 4383852-\$ or US- 4526611-\$ or US- 4948422-\$ or US- 5853451-\$ or US- 5185030-\$).did. or (US- 3449115-\$).did. or (WO- 2005044488-\$ or EP- 1690617-\$ or WO- 9964191-\$ or EP- 1604759-\$ or EP- 318590-\$ or EP-461866- \$).did. or (JP-59093806- \$ or JP-2001223141-\$ or JP-2001345238-\$ or JP-62090908-\$ or JP- 61079706-\$ or JP- 2000345217-\$ or JP- 2004052026-\$ or JP- 2005008981-\$).did. or (WO-0159166-\$ or JP- 62090908-\$ or WO-	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/05/13 15:18

		0191953-\$ or WO-9964191-\$ or JP-2000345217-\$ or US-20030076517-\$ or JP-61079706-\$ or JP-59093806-\$ or WO-2005044488-\$ or WO-8810002-\$ or SU-479564-\$ or GB-1445634-\$ or SU-618193-\$ or JP-02259003-\$ or WO-2005102569-\$ or JP-63312603-\$ or JP-01036706-\$ or CN-1636655-\$ or WO-0074881-\$ or US-5928405-\$ or EP-925861-\$ or WO-2004030853-\$).did.				
S78	215	S73 not S77	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 15:18
S79	215493	(reducing or reduce or reduction) same (hydrogen or h2 or "h.sub.2") same (pure or metallic or zero adj2 valen\$4) same (metal or metallic) adj2 chloride or chloride same (powder or particles)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 16:20
S80	906	(reduction or reduce or reduction) same ((metal or metallic or cupric or cuprous or ferric or ferrous or nickel or cobalt or stannous or copper or iron) near3 (chloride) or (CuCl2 or "CuCl.sub.2" or CuCl or FeCl3 or "FeCl.sub.3" or "FeCl.sub.2" or FeCl2 or NiCl2 or "NiCl.sub.2" or CoCl2 or "CoCl.sub.2" or SnCl2 or "SnCl.sub.2")) same (pure or metallic) adj2 (copper or nickel or iron or cu! or fe! or ni!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 16:22

S81	44	(reduction or reduce or reduction) near10 ((metal or metallic or cupric or cuprous or ferric or ferrous or nickel or cobalt or stannous or copper or iron) near3 (chloride) or (CuCl2 or "CuCl.sub.2" or CuCl or FeCl3 or "FeCl.sub.3" or "FeCl.sub.2" or FeCl2 or NiCl2 or "NiCl.sub.2" or CoCl2 or "CoCl.sub.2" or SnCl2 or "SnCl.sub.2")) near10 (pure or metallic) adj2 (copper or nickel or iron or cu! or fe! or ni!)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 16:23
S82	1658	(pure or metallic) adj2 (copper or nickel or iron or cu! or fe! or ni!) near5 (reduc\$8) same (agent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 16:24
S83	329	(pure or metallic) adj2 (copper or nickel or iron or cu! or fe! or ni!) near5 (reduc\$8) adj2 (agent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 16:24
S84	728	(pure or metallic) adj2 (copper or nickel or iron or cu! or fe! or ni!) near5 (reducing agent or reductant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 16:25
S85	117	(pure or metallic) adj2 (copper or nickel or iron or cu! or fe! or ni!) near5 (reducing agent or reductant) same ((metal or metallic or cupric or cuprous or ferric or ferrous or nickel or cobalt or stannous or copper or iron) near3 (chloride) or (CuCl2 or "CuCl.sub.2" or CuCl or FeCl3 or "FeCl.sub.3" or "FeCl.sub.2" or FeCl2 or NiCl2 or "NiCl.sub.2" or CoCl2 or "CoCl.sub.2" or SnCl2 or "SnCl.sub.2" or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/13 16:25

		MeCl or MeCl2 or "MeCl.sub.2" or MCl or MCl2 or "MCl.sub.2"))				
S86	47	(toho titanium).as. and (copper or iron or cobalt or nickel or cu! OR fe! or Co! or ni!) near5 (chloride)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/14 15:42
S87	154	(Toho and Titanium).as. and ((metal or metallic or cupric or cuprous or ferric or ferrous or nickel or cobalt or stannous or copper or iron) near3 (chloride) or (CuCl2 or "CuCl.sub.2" or CuCl or FeCl3 or "FeCl.sub.3" or "FeCl.sub.2" or FeCl2 or NiCl2 or "NiCl.sub.2" or CoCl2 or "CoCl.sub.2" or SnCl2 or "SnCl.sub.2" or MeCl or MeCl2 or "MeCl.sub.2" or MCl or MCl2 or "MCl.sub.2"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/14 15:42
S88	68	(Toho and Titanium).as. and ((metal or metallic or cupric or cuprous or ferric or ferrous or nickel or cobalt or stannous or copper or iron) near3 (chloride) or (CuCl2 or "CuCl.sub.2" or CuCl or FeCl3 or "FeCl.sub.3" or "FeCl.sub.2" or FeCl2 or NiCl2 or "NiCl.sub.2" or CoCl2 or "CoCl.sub.2" or SnCl2 or "SnCl.sub.2" or MeCl or MeCl2 or "MeCl.sub.2" or MCl or MCl2 or "MCl.sub.2")) and (reduc\$4 near3 gas or hydrogen or h2 or "h.sub.2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/14 15:43
S89	2	JP "59093806"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/14 16:00
S90	0	("2642356").URPN.	USPAT	ADJ	ON	2009/05/14 16:39

S91	1	JP "2000345217"	DERWENT	ADJ	ON	2009/05/14 16:40
S92	1	JP "2000345218"	DERWENT	ADJ	ON	2009/05/14 16:40
S93	1	EP "1129804"	DERWENT	ADJ	ON	2009/05/14 16:41
S94	1	JP "2001247903"	DERWENT	ADJ	ON	2009/05/14 16:41
S95	1	EP "925861"	DERWENT	ADJ	ON	2009/05/14 16:41
S96	1	JP "2001089804"	DERWENT	ADJ	ON	2009/05/14 16:41
S97	1	JP "62090908"	DERWENT	ADJ	ON	2009/05/14 16:41
S98	1	JP "2001223141"	DERWENT	ADJ	ON	2009/05/14 16:41
S99	1	JP "2001345238"	DERWENT	ADJ	ON	2009/05/14 16:41
S100	1	JP "59093806"	DERWENT	ADJ	ON	2009/05/14 16:41
S101	1	JP "62090908"	DERWENT	ADJ	ON	2009/05/14 16:41
S102	1	JP "61079706"	DERWENT	ADJ	ON	2009/05/14 16:41
S103	2	CN "1275103"	DERWENT	ADJ	ON	2009/05/14 16:42
S104	1	WO "9964191"	DERWENT	ADJ	ON	2009/05/14 16:42
S105	13	S91 or S92 or S93 or S94 or S95 or S96 or S97 or S98 or S99 or S100 or S101 or S102 or S103 or S104	DERWENT	ADJ	ON	2009/05/14 16:42
S106	463	(Kenichi near2 Otsuka). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/15 19:56
S107	3	(Kenichi near2 Otsuka). in. and ((copper or cu! or iron or fe!) near2 (chloride) or (CuCl3 or CuCl2 or "CuCl.sub.3" or "CuCl.sub.2" or FeCl2 or FeCl3 or "FeCl.sub.2" or "FeCl.sub.3"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/15 19:57

S108	2	US "4192676"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/15 20:00
S109	177	(hydrogen or H2 or "H. sub.2") same (CuCl3 or "CuCl.sub.3" or FeCl3 or "FeCl.sub.3") same (powder or particle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/15 20:01
S110	1413	(hydrogen or H2 or "H. sub.2") same (ferric chloride or cupric chloride or CuCl3 or "CuCl.sub.3" or FeCl3 or "FeCl.sub.3") same (powder or particle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/15 20:03
S111	580	(hydrogen or H2 or "H. sub.2") same (reduc\$5) same (ferric chloride or cupric chloride or CuCl3 or "CuCl.sub.3" or FeCl3 or "FeCl.sub.3") same (powder or particle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/15 20:03
S112	323	(hydrogen or H2 or "H. sub.2") same (reduc\$5) same (ferric chloride or cupric chloride or CuCl3 or "CuCl.sub.3" or FeCl3 or "FeCl.sub.3") same (vapor or gas or gaseous or vaporous) same (powder or particle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/15 20:04
S113	44	(Marion near2 graham). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/15 20:07
S114	4	("2754193" "2754194" "2754195" "2766117").URPN.	USPAT	ADJ	ON	2009/05/15 20:12
S115	611	(William near2 Reed). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/15 20:16

S116	25	(William near2 Reed). in. and (chloride)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/15 20:16
S117	585	75/351,359.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/15 20:17
S118	29	S117 and (iron or copper) near2 chloride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/15 20:17
S119	100	75/343-362.ccls. and ((iron or copper) adj2 (chloride) or (FeCl3 or "FeCl.sub.3" or CuCl3 or "CuCl.sub.3"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/15 20:18
S120	70	75/343-362.ccls. and ((iron or copper) adj2 (chloride) or (FeCl3 or "FeCl.sub.3" or CuCl3 or "CuCl.sub.3")) and (hydrogen or h2 or "h. sub.2") same (reduc\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/15 20:19
S121	98	(B22F009/\$4 or 75/343- 362.ccls.) and ((iron or copper) adj2 (chloride) or (FeCl3 or "FeCl. sub.3" or CuCl3 or "CuCl.sub.3")) and (hydrogen or h2 or "h. sub.2") same (reduc\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/05/15 20:19

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